Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 29 Jul 2023 until 23:59 on Sunday 30 Jul 2023

Forecast Issued on Friday 28 Jul 2023 at 14:12

Confidence: High confidence for the continuing unsettled weather. Lower for details of rain and cloud.

Headline for Saturday 29 Jul 2023: Overnight rain clearing, then sunny spells with isolated showers.

Mountain weather hazards on Saturday 29 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Light rain	Sunny intervals	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
20%	40%	60%	20%	30%	20%	10%	<05%

Forecast for Saturday 29 Jul 2023

Weather: Some overnight rain moving eastwards through the Park, heavy at times, this clearing away after dawn. Variable amounts of cloud with some sunny spells developing, but also isolated showers, these perhaps heavy at times. Becoming mostly dry through the afternoon.

Chance of cloud-free hill tops above 600m: 30% through the early hours, becoming 100% during the morning.

Low cloud and visibility: Areas of cloud at first, base 500-600m. This lifting and breaking above the hills during the morning. Visibility mostly very good away from cloud and rain. Moderate to poor in rain or showers, and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 29 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 SW	19/27 SW	19/27 SW	19/27 SW	18/27 SW	20/30 W	19/28 SW	20/29 SW	20/30 SW
300	12/19 SW	13/20 SW	14/23 SW	15/24 SW	16/26 W	16/27 W	15/24 SW	15/24 SW	15/25 SW
Valley	7/18 SW	8/20 SW	10/21 SW	11/23 SW	13/25 W	13/26 W	11/24 SW	10/22 SW	11/24 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	11/7	10/7	11/8	13/10	13/10	13/9	11/7	10/6
300	14/12	13/11	13/10	14/11	16/13	16/13	16/13	13/10	12/9
Valley	14/13	13/12	13/11	15/13	17/14	17/14	16/14	14/12	13/11
Freezing Level*	2300m	2400m	2400m	1900m	2100m	2200m	2200m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy at higher elevations, making it feel a little chilly. Despite this, strong sunshine in the sunny spells means sun protection is still recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 28 Jul 2023	0.2mm	34.2mm	34.4mm

Forecast for Sunday 30 Jul 2023

Weather: Becoming more cloudy through the early hours with some outbreaks of showery rain possible. Some sunny spells developing during the morning, with scattered showers for a time. Cloud thickening in the afternoon ahead of a band of rain arriving around late afternoon or early evening. Wind strengthening during the day.

Maximum wind: Westerly or southwesterly 20-25 mph, gusting 35-40 mph.

Chance of cloud-free hill tops above 600m: 60% overnight, becoming 100% during the morning. Lowering to 20% in the late afternoon or early evening.

Low cloud and visibility: Patches of cloud base around 500-600m at first, lifting above the hills during the morning. Becoming widespread cloud, base around 300-400m, either late afternoon or early evening. Visibility often good away from showers and cloud for much of the day, but becoming generally poor or very poor in rain and low cloud covering the hills later.

Temperature: **Valleys:** Plus 10C becoming plus 18C
At 600m: Plus 10C becoming plus 13C
Freezing level: Above the hills

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